

Work Order ID 71310

Tuesday, June 28, 2011 8:53:58 AM



Page 1

Item ID: D2654-7

Accept



Setup Start



Revision ID:

Item Name: Web

Stop



Start Date: 6/28/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 6/29/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

M

Date:

11-06-28

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2654	Rev E1

100

0.00



Skidtubes

Skidtubes

Memo

0.00

Skidtubes

1-Cut D2600-7 to length as per Dwg D2654
2-Drill pilot holes in web using drill jig DT 8018-7 as per Dwg D2654
3-Using the uni-bit, open holes to finish size as per Dwg D2654
4-Deburr holes and ends

OK
11/06/29

110

Chemical Conversion Coat per QSI005 4.1

0.00



HandFinish

Memo

0.00

Hand Finishing

4 0 K/A 11.06.29

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

4
11-06-30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71310

Tuesday, June 28, 2011 8:53:58 AM



Page 2

Item ID: D2654-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Web

Start Date: 6/28/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 6/29/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC3- Inspect Part Finish	0.00				4			
						SAD	0	11-06-30	SAD
QC	Memo	0.00							
Quality Control									
140	Identify as per dwg & Stock Location: <u>LG</u>	0.00							
						4	0	SAD	11-06-30
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
									11/6/30
QC	Memo	0.00							
Quality Control									

11-06-30
(4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, June 28, 2011 8:54:04 AM

Page 1

Work Order ID: 71310

Parent Item: D2654-7

Parent Item Name: Web



Start Date: 6/28/2011

Required Date: 6/29/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:D□99.02.04□Fixed typo, Changed procedure□DM□
IPP Rev:e□06.04.05 Added level21 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2600-7-140

Manufactured

No

100

Each

11.0000

1

4



EXT. "I BEAM" THICK

Location

Loc Qty

Loc Code

LG

11

21966

1

41591

10

7

Oh.
11/06/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____






NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

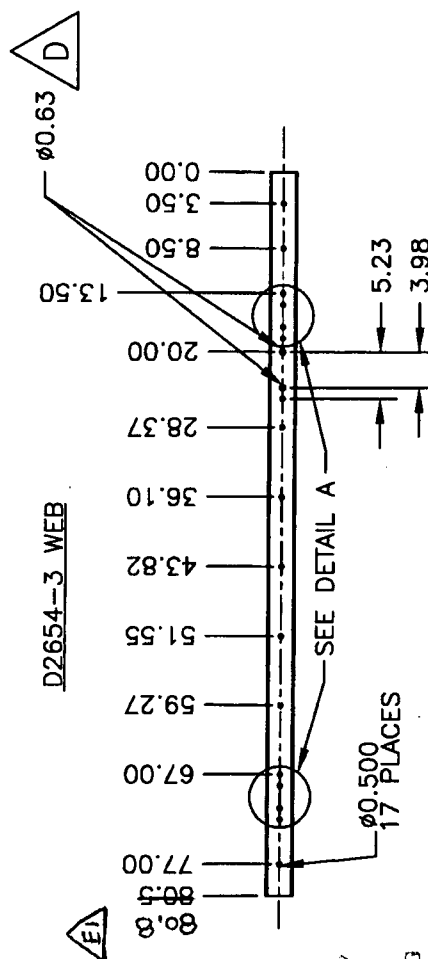
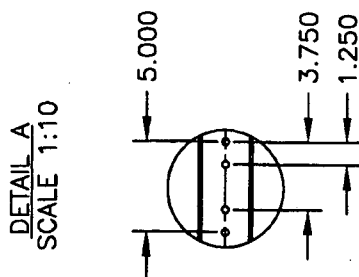
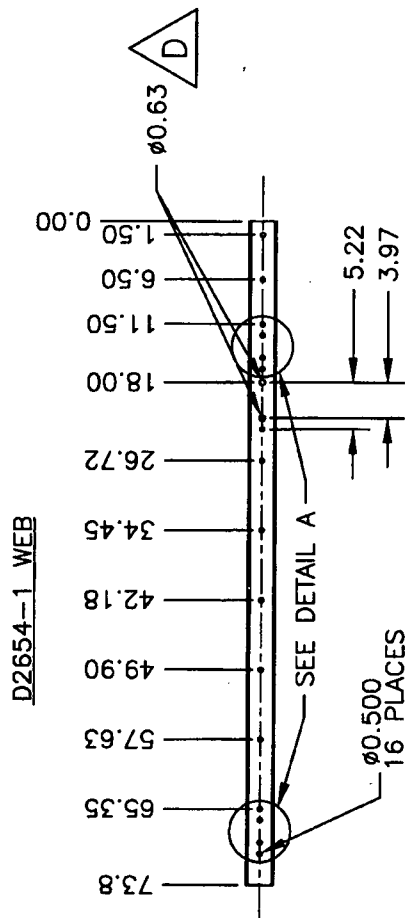
NOTE: Date & initial all entries

DART

DEO ATTACHED



DESIGN 	DRAWN BY 	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED 	APPROVED 	DRAWING NO. D2654	REV. E SHEET 1 OF 2
DATE 04.05.26		TITLE WEB	SCALE 1:20
A	97.03.25	NEW ISSUE	
B	97.06.26	ALTER HOLE PATRN., 0.500 WAS 0.438	
C	97.10.29	CHANGED HOLE PATTERN	
D	98.01.15	GHW HOLES CHANGED TO Ø0.63	
E	04.05.26	CHANGE LENGTHS, REFORMAT	
E1 	04.08.04	PER TOOLING; 80.8 WAS 80.5	

RELEASED
04.06.22

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71310

MAKE FROM D2600-5-108 EXTRUSION
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 1997 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

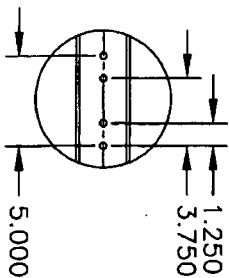
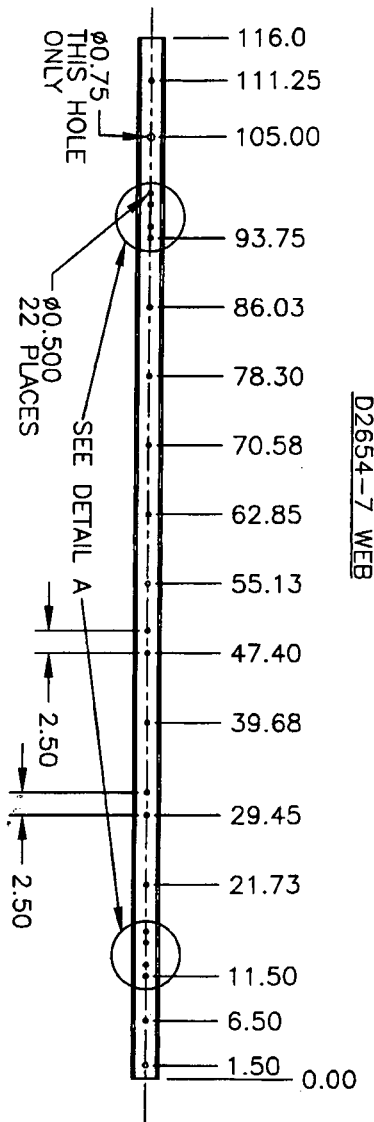
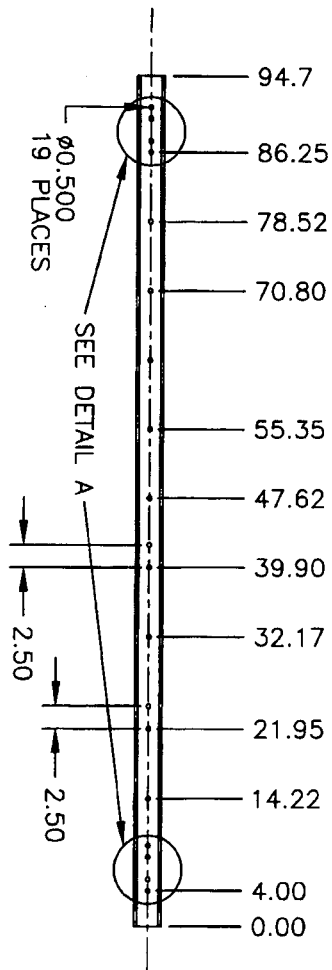
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



MAKE FROM D2600-7-125 EXTRUSION
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

71310

DEO ATTACHED

RELEASED

DART



DESIGN	APPROVED	DATE
DRAWN BY	04.05.26	WEB
DART Aerospace USA, INC.	D2654	SCALE
PORT HADLOCK, WA	SHEET 2 OF 2	1:20
REV. E		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

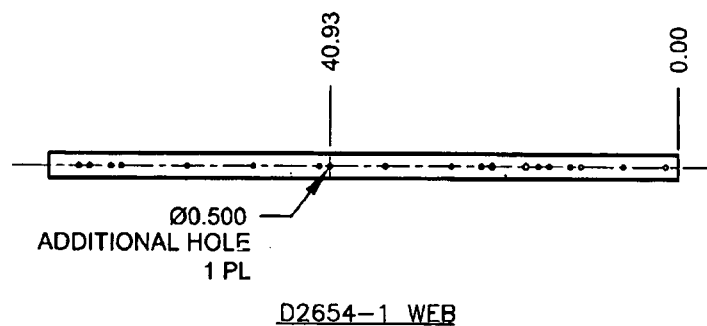
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

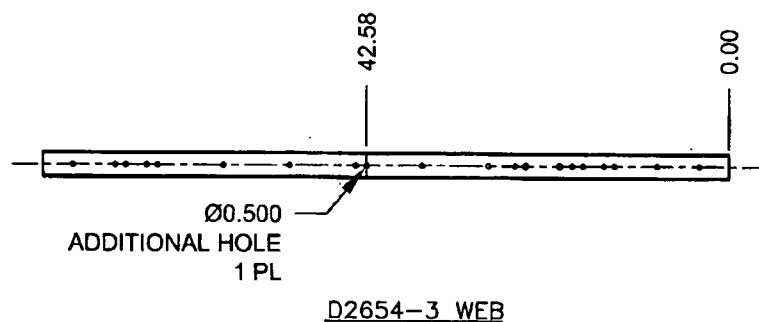
DRAWING NO. D2654	TITLE WEB	REV. E1	DART AEROSPACE USA, INC ENGINEERING ORDER		D.E.O. NO. D2654-E-2	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>LP</i>	CHECKED <i>PH</i>	MFG. APPR. <i>E</i>	APPROVED <i>MD</i>		DE APPR. <i>H</i>		
DATE 09.03.11	DATE 09.03.11	DATE 09.04.03	DATE 09.04.03		DATE 09.04.03		

DRILL AN ADDITIONAL HOLE IN THE D2654-1 AND D2654-3 WEB AT THE LOCATION INDICATED:

RELEASED
09/04/08 *MD*



M1310



THE ADDITIONAL HOLE IS REQUIRED FOR COMPATIBILITY WITH D3804-041/-043 SKIDTUBE ASSEMBLIES. ALL OTHER INFORMATION REMAINS UNCHANGED.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries